

State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER D-288-41

Relating to Exemptions under
Section 27156 of the Vehicle Code

Transfer Flow, Inc.
Replacement Fuel Storage Systems

Pursuant to the authority vested in the Air Resources Board (ARB) by Section 27156 of the Vehicle Code; and

Pursuant to the authority vested in the undersigned by Sections 39515 and 39516 of the Health and Safety Code and Executive Order G-02-003;

IT IS ORDERED AND RESOLVED: That installation of the Replacement Fuel Storage Systems, manufactured by Transfer Flow, Inc. (TFI) of 1444 Fortress Street, Chico, California 95973, has been found not to reduce the effectiveness of the applicable vehicle pollution control system, and therefore, the Replacement Fuel Storage Systems are exempt from the prohibitions in Section 27156 of the California Vehicle Code for installation on the following Ford Motor Company vehicles:

<u>Model-Year</u>	<u>Vehicle Model</u>	<u>Stock Tank</u>	<u>TFI Tank</u>
1999-2004	F250 & F350 short box trucks	29 gallons	46-48 gallons
1999-2004	F250 & F350 long box trucks	38 gallons	57-59 gallons
1999-2003	F350 & F450 chassis cabs	19 gallons	30-32 gallons
2004	F350 chassis cabs	40 gallons	30-34 gallons
1997-2003	E150, E250 & E350 vans	35 gallons	46 gallons
2004	E150, E250 & E350 vans	35-37 gallons	35-37 gallons

The Replacement Fuel Storage Systems include a higher capacity fuel tank, an add-on emission canister, and low permeation fuel and vapor hoses. The 2004 F350 chassis cab and 2004 E150, E250, and E350 van systems use OEM-equivalent or smaller capacity fuel tanks and do not include an add-on emission canister.

The 2004 E150, E250, and E350 van systems require use of fuel and vapor hoses with permeation less than 5 grams/m²/24 hours.

This Executive Order is based on an evaluation of the Replacement Fuel Storage Systems for impact on the vehicles' evaporative emissions, refueling emissions, and their On-Board Diagnostic II (OBD II) Systems. It was concluded that TFI's Replacement Fuel Storage Systems would not adversely affect the vehicles' evaporative or refueling emissions or reduce the effectiveness of their OBD II Systems.

This Executive Order is valid provided that installation instructions for the Replacement Fuel Storage Systems do not recommend tuning the vehicles to specifications different from those of the vehicle manufacturer.

Changes made to the design or operating conditions of the Replacement Fuel Storage Systems, as exempt by the ARB, which adversely affect the performance of the vehicle's pollution control system, shall invalidate this Executive Order.

Marketing of the Replacement Fuel Storage Systems using identification other than that shown in this Executive Order or for an application other than that listed in this Executive Order shall be prohibited unless prior approval is obtained from the ARB.

Exemption of the Replacement Fuel Storage Systems shall not be construed as an exemption to sell, offer for sale, or advertise any components of the Replacement Fuel Storage Systems as individual devices.

This Executive Order shall not apply to any Replacement Fuel Storage Systems advertised, offered for sale, sold with, or installed on a motor vehicle prior to or concurrent with transfer to an ultimate purchaser.

This Executive Order does not constitute any opinion as to the effect the use of the Replacement Fuel Storage Systems may have on any warranty either expressed or implied by the vehicle manufacturer.

No claim of any kind, such as "Approved by the Air Resources Board," may be made with respect to the action taken herein in any advertising or other oral or written communication.

In addition to the foregoing, the ARB reserves the right in the future to review this Executive Order and the exemption provided herein to assure that the exempted add-on or modified part continues to meet the standards and procedures of California Code of Regulations, Title 13, Section 2222, et seq.

THIS EXECUTIVE ORDER DOES NOT CONSTITUTE A CERTIFICATION, ACCREDITATION, APPROVAL, OR ANY OTHER TYPE OF ENDORSEMENT BY THE AIR RESOURCES BOARD OF ANY CLAIMS OF THE APPLICANT CONCERNING ANTI-POLLUTION BENEFITS OR ANY ALLEGED BENEFITS OF TRANSFER FLOW, INC.'S REPLACEMENT FUEL STORAGE SYSTEMS.

Violation of any of the above conditions shall be grounds for revocation of this Executive Order. The Executive Order may be revoked only after a ten-day written notice of intention to revoke the Executive Order, in which period the holder of the Executive Order may request in writing a hearing to contest the proposed revocation. If a hearing is requested, it shall be held within ten days of receipt of the request, and the Executive Order may not be revoked until a determination is made after a hearing that grounds for revocation exist.

Executed at El Monte, California, this 4TH day of March 2004.



Allen Lyons, Chief
Mobile Source Operations Division